

PERFUME-CONTAINING COATING AGENT FOR SOFT CAPSULE

Patent number: JP2000205
Publication date: 1990-01-05
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Classification:
- **international:** A61K9/48; A61K47/36
- **european:**
Application number: JP19880280978 19881107
Priority number(s):

Abstract of JP2000205

PURPOSE: To obtain the subject preparation exhibiting high retention of perfume after the lapse of time and capable of keeping stable feeling to the palate the adding a polyhydric alcohol to a pullulan solution containing an oily perfume and a surfactant such as a sugar ester having high HLB.

CONSTITUTION: An emulsion of a perfume is prepared by vacuum emulsification of 1pt.wt. of a perfume (e.g. menthol, peppermint oil or cinnamon oil) and 0.1-10 pts.wt. of a surfactant (e.g. sugar ester having an HLB of 15-16). The emulsion is added with a proper amount of water, mixed with pullulan (at a concentration of 8-12wt.% in the whole liquid) and then mixed with 5-30wt.% of a polyhydric alcohol (e.g. glycerol or sorbitol) to obtain the subject coating agent. When the water-content in the soft capsule is 8.0-8.5wt.% after drying, the perfume retainability in the soft capsule coating film is high and the capsule is resistant to coagulation, softening and cracking.

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